



700 West Liberty Street | Louisville, KY 40203-1911  
Phone: 502.540.6000 | LouisvilleMSD.org

July 24, 2020

Crystal Dennis  
300 Sower Blvd., 3rd Floor  
Frankfort, Kentucky 40601

**RE: Floyds Fork WQTC, KPDES No: KY0102784  
Discharge Monitoring Report for June 2020.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork Water Quality Treatment Center for the month of June 2020.

Also attached is the second quarter Biomonitoring DMR.

There were no bypasses, discharges, or exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6952.

Sincerely,

William Ford  
Process Supervisor-Operations

WEF/ Floyds Fork 06/20.

Cc: V. Teague  
R. Shaw



## DMR Copy of Record

Permit																				
Permit #:		KY0102784			Permittee:		Floyds Fork WQTC MSD				Facility:		FLOYDS FORK WQTC MSD							
Major:		Yes			Permittee Address:		700 W Liberty St Louisville, KY 40203				Facility Location:		1100 BLUE HERON RD LOUISVILLE, KY 40245							
Permitted Feature:		001 External Outfall			Discharge:		001-2 TOXICITY													
Report Dates & Status																				
Monitoring Period:		From 04/01/20 to 06/30/20			DMR Due Date:		07/28/20				Status:		NetDMR Validated							
Considerations for Form Completion																				
THREE 24-HOUR COMPOSITE SAMPLES ONE EACH COLLECTED EVERY OTHER DAY FOR A PERIOD OF 5 DAYS; IE - DAYS 1, 3 & 5																				
Principal Executive Officer																				
First Name:		James A.			Title:		Executive Director				Telephone:		502-540-6000							
Last Name:		Parrott																		
No Data Indicator (NODI)																				
Form NODI:		--																		
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading				Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											<	1.0	2G - tox chronic	01/90 - Quarterly	24 - COMP24
																<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
Attachments																				
No attachments.																				
Report Last Saved By																				
Floyds Fork WQTC MSD																				
User:		WILLIAM.FORD@LOUISVILLEMSD.ORG																		
Name:		William Ford																		
E-Mail:		william.ford@louisvillemad.org																		
Date/Time:		2020-07-24 09:15 (Time Zone: -04:00)																		
Report Last Signed By																				
User:		WILLIAM.FORD@LOUISVILLEMSD.ORG																		
Name:		William Ford																		
E-Mail:		william.ford@louisvillemad.org																		
Date/Time:		2020-07-27 08:21 (Time Zone: -04:00)																		

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					98.0					23 - %	01/30 - Monthly	CA - CALCTD	
					Permit Req.					Y	85.0 MO AV MN				23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI													

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

**Attachments**

Name	Type	Size
FFCoverLetter062020.pdf	pdf	479323.0
FFMOR062020.Pdf	pdf	156327.0

**Report Last Saved By**

**Floyds Fork WQTC MSD**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemsd.org  
 Date/Time: 2020-07-24 09:47 (Time Zone: -04:00)

**Report Last Signed By**

User: WILLIAM.FORD@LOUISVILLEMSD.ORG  
 Name: William Ford  
 E-Mail: william.ford@louisvillemsd.org  
 Date/Time: 2020-07-27 08:20 (Time Zone: -04:00)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: June 2020  
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

DATE+AS:AL44AA3.AL4	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING				FINAL																												
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		PHOSPHORUS, TOTAL (mg/L)	NH3-N (mg/L)	ECOLI	Total Nitrogen	TOTAL FLOW (MILLION GALLONS)																								
																									30 MIN.	60 MIN.	BALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS						% VOLATILE SOLIDS	WITHDRAWN BALLONS X 1000																						
																														RETURN		WASTED																											
																												GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	WASTED																												
1	3.602	2.48	2.48	7.1									184		3	123		2	1.129	5830	60000	3.9	3000	2480	450		60	3.16				1.43		59000	0.30	0.25				10.9	3.1626141																		
2	3.426	2.48	2.48	7.4															1.875	4870	40000	4.1	2730	2050	340		60	3.01					50400				1		3.0104206																				
3	3.378	2.48	2.48	7.5	7.9														2.057	5500	50000	4.2	2890	2330	380		60	2.99					0						2.9889278																				
4	3.750	2.48	2.48	7.4						9.1									2.036	5310	50000	3.9	2870	2300	360		60	3.21					0							3.2114906																			
5	4.584	2.48	2.48	7.4															1.711	8640	50000	4.1	2740	2240	350		60	4.17					63000						4.1742959																				
6	3.754	2.48	2.48																2.455		50000	4.8			350		60	2.52					0						3.3744271																				
7	3.635	2.48	2.48																2.513		50000	4.4			350		60	3.15					0						3.1491678																				
8	3.578	2.48	2.48	7.3									166		3	112		3	2.688	5120	50000	2.2	2900	2340	380		60	2.99				0.72	37800	0.30	0.20		10.9	2.9936392																					
9	3.588	2.48	2.48	7.5															2.218	5570	60000	3.1	2970	2410	420		60	2.93					63000			2		2.9329195																					
10	3.467	2.48	2.48	7.3	7.8					9.8									2.000	5060	60000	2.9	2640	2310	360		60	2.86					50400						2.8594637																				
11	3.722	2.48	2.48	7.1															0.905	5300	60000	3.0	2770	2230	380		60	2.80					0					2.7991679																					
12	3.471	2.48	2.48	7.2															0.900	6250	60000	4.8	2780	2210	360		60	2.72					126000						2.718955																				
13	3.216	2.48	2.48																0.900		50000	3.8			350		60	2.66					0						2.6594267																				
14	3.325	2.48	2.48																0.900		50000	4.0			350		60	2.73					0						2.7261012																				
15	3.388	2.48	2.48	7.1									226		3	256		3	0.900	8590	50000	3.9	2690	2150	310		60	2.72					0	0.09	2.10		13.5	2.7199118																					
16	3.274	2.48	2.48	7.4															0.090	5580	50000	3.6	2580	2080	360		60	2.66					0				4	2.6659555																					
17	3.228	2.48	2.48	7.2	7.9					9.4									0.090	7430	50000	2.3	2810	2330	380		60	2.64					0			0.53			2.6380875																				
18	3.245	2.48	2.48	7.1															0.090	6290	50000	2.6	2620	2150	360		60	2.64					75800						2.6430514																				
19	3.203	2.48	2.48	7.1															0.090	5820	50000	2.5	2720	2220	360		60	2.59					63000						2.5901082																				
20	3.114	2.48	2.48																0.900		50000	2.4			350		60	2.57					0						2.5745523																				
21	3.510	2.48	2.48																0.900		50000	4.1			350		60	2.84					0						2.8378103																				
22	3.721	2.48	2.48	7.2									198		3	103		2	0.900	7060	60000	2.3	2610	2120	330		60	2.99					1.45	63000	0.09	0.38		4.66	2.9937086																				
23	4.389	2.48	2.48	7.5															0.900	9230	60000	2.8	2580	2100	350		60	3.70					56700				1	3.6992981																					
24	3.720	2.48	2.48	7.2	7.9					9.2									0.900	6230	50000	3.9	2590	2120	340		60	3.11					0						3.1121566																				
25	3.435	2.48	2.48	7.2															0.900	6320	50000	4.8	2730	2230	350		60	2.86					63000						2.8552809																				
26	3.336	2.48	2.48	7.2															0.900	6810	50000	4.2	2510	2100	350		60	2.71					63000						2.7081966																				
27	3.413	2.48	2.48																0.900		50000	4.0			350		60	2.71					0						2.7118845																				
28	3.519	2.48	2.48																0.900		50000	3.4			350		60	2.84					0						2.8358989																				
29	4.128	2.48	2.48	7.2															0.900	6630	50000	3.6	2380	1910	350		60	3.81					63000						3.8082075																				
30	6.068	2.48	2.48	7.1															0.900	7470	50000	4.5	2390	1980	300		60	2.52					94500						5.5522485																				
31																																																											
Tot.	109.18	74.4	74.4																35.447																						91.71																		
Avg.	3.639	2.48	2.48	7.3	7.9					9.4			194		3	149		3	1.1816	6405	52000	3.597	2704	2200	357.3		60	2.927					991400	0.20	0.69	2	9.99		3.057																				

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW CBOD TSS OPERATOR CERT. NO.  
34662 26514 27968 Randolph P. Kustes Jr. 14555

TOTAL NUMBER OF SEWER CONNECTIONS 0  
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-540-6000  
 PLANT TELEPHONE